

COMBINED DECLARATION & POWER OF  
ATTORNEY FOR UTILITY OR DESIGN  
PATENT APPLICATION (37 CFR 1.63)Declaration  
Submitted  
with Initial  
FilingDeclaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number	TI-35178
First Named Inventor	Brian Ts Deng
<b>COMPLETE IF KNOWN</b>	
Application Number	TBD
Filing Date	Herewith
Art Unit	TBD
Examiner Name	Not assigned

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**HIGH SPEED AND FLEXIBLE CONTROL FOR BRIDGE CONTROLLERS***(Title of the Invention)*

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY) \_\_\_\_\_ as United States Application Number or PCT International

Application Number \_\_\_\_\_ and was amended on (MM/DD/YYYY) \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

**POWER OF ATTORNEY**

I hereby appoint Practitioners at Customer Number 23494, Texas Instruments Incorporated, as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith. I also hereby authorize said practitioners to insert the filing date and/or application number, above, when known.

**FOREIGN APPLICATION PRIORITY CLAIM**

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/028 attached hereto:

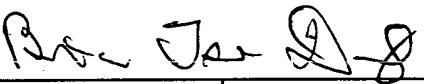
## DECLARATION &amp; POWER OF ATTORNEY - Utility or Design Patent Application

Direct all correspondence to:	<input checked="" type="checkbox"/>	Customer Number or Bar Code Label	23494	OR <input type="checkbox"/>	Correspondence address below
-------------------------------	-------------------------------------	-----------------------------------	-------	-----------------------------	------------------------------

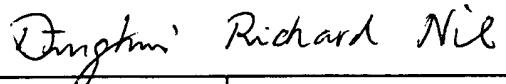
Name	Texas Instruments Incorporated				
------	--------------------------------	--	--	--	--

Address Patent Activity					
City	Dallas		State	TX	
Country	U.S.A.		Telephone	(972) 917-5452	
				Fax	(972) 917-4418

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF FIRST INVENTOR:		<input type="checkbox"/>	A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])			Family Name or Surname		
Inventor's Signature				Date 8-21-2003	
Residence: City	Richardson	State	Texas	Country	U.S.A.
Citizenship U.S.A.					

Mailing Address 1117 Windsong Trail					
City	Richardson	State	Texas	ZIP	75081
Country U.S.A.					

NAME OF SECOND INVENTOR:		<input type="checkbox"/>	A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any])			Family Name or Surname		
Inventor's Signature				Date 8-21-2003	
Residence: City	Plano	State	Texas	Country	U.S.A.
Citizenship U.S.A.					

Mailing Address 2808 Loftsmoor Lane					
City	Plano	State	Texas	ZIP	75025
Country U.S.A.					

<input checked="" type="checkbox"/>	Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.				
-------------------------------------	---	--	--	--	--

## DECLARATION &amp; POWER OF ATTORNEY - Utility or Design Patent Application

Direct all correspondence to:

Customer Number  
or Bar Code Label

23494

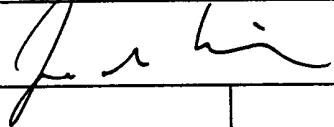
OR 

Correspondence address below

Name **Texas Instruments Incorporated**Address **Patent Activity**City **Dallas**State **TX**ZIP **75265**Country **U.S.A.**Telephone **(972) 917-5452**Fax **(972) 917-4418**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF THIRD INVENTOR:

 A petition has been filed for this unsigned inventorGiven Name  
(first and middle [if any])**Joseph M.**Family Name  
or Surname**ERICKSON**Inventor's  
SignatureDate **8/21/2003**

Residence: City

**Frisco**State **Texas**Country **U.S.A.**Citizenship **U.S.A.**Mailing Address **Ahomstr. 2**City **Frisco**State **Texas**ZIP **75035**Country **U.S.A.**

NAME OF FOURTH INVENTOR:

 A petition has been filed for this unsigned inventorGiven Name  
(first and middle [if any])**N/A**Family Name  
or SurnameInventor's  
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

City

State

ZIP

Country

 Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.